

ABSTRACT OF THE DISCLOSURE

The invention relates to a safety ski binding (1) with a toe and a heel binding (4, 5) and an electronic circuit arrangement (6). This circuit arrangement (6) comprises a computer unit and a memory system as well as a sensor system (8) for detecting at least one set safety release value of the safety ski binding (1). The circuit arrangement (6) has at least one electronic evaluation device (13, 14) with a software-driven, programmable micro-controller (39, 40), the micro-controller (39, 40) having a non-volatile memory system (41, 42) or being connected to a non-volatile memory system (41, 42). This micro-controller (39, 40) is programmed to store manually altered settings of the safety release value and/or changing states of the safety ski binding (1) detected by the sensor system (8) in the memory system (41, 42).

(FIG. 1)

List of Reference Numbers

1. Safety ski binding
2. Runner device
3. Ski
4. Toe binding
5. Heel binding
6. Circuit arrangement
7. Display device
8. Sensor system
9. Adjusting screw
10. Release mechanism
11. Adjusting screw
12. Release mechanism
13. Evaluation device
14. Evaluation device
15. Sensor
16. Sensor
17. Line connection
18. Line connection
19. Transmitter and/or receiver device
20. Transmitter and/or receiver device
21. Power supply system
22. Power supply system

- 23. Housing
- 24. Housing
- 25. Display
- 26. Sensor
- 27. Slip-on spring system
- 28. Thrust bearing
- 29. Helical spring
- 30. Longitudinal guide
- 31. Adjusting screw
- 32. Line connection
- 33. Sensor
- 34. Retaining jaw
- 35. Line connection
- 36. Electronic unit
- 37. Wrist-top computer
- 38. Interface
- 39. Micro-controller
- 40. Micro-controller
- 41. Memory system
- 42. Memory system
- 43. Programme memory
- 44. Motion sensor
- 45. Date and/or time module
- 46. Counter